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**UNITED STATES PATENT & TRADEMARK OFFICE**  
**FACSIMILE COVER SHEET**

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Attn: Examiner Ardin Marschel

Group Art Unit: 1631

Examiner Phone Number: 571-272-0718

**Message:**

**Dear Examiner Ardin Marschel:**

**Applicants request a telephone interview to discuss the proposed claim amendments. Please contact me at your convenience at 212-408-2614.**

**Best regards,**

**Manu Tejwani**

**Baker Botts LLP**

**212-408-2614.**

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this paper for Registration or Serial No. 09/724,436 is being facsimile transmitted to the Patent and Trademark Office on the date indicated below.

Manu J Tejwani

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Eshel Ben-Jacob et al.  
Serial No. : 09/724,436 Examiner : Marschel, Ardin H.  
Filed : November 28, 2000 Group Art Unit : 1631  
For : A METHOD AND APPARATUS FOR DNA BASED SINGLE  
ELECTRON LOGIC ELEMENTS

REPLY TO OFFICE ACTION

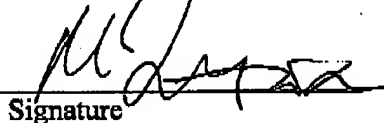
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Date of Deposit

Manu J Teiwani

Attorney Name



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37,952

PTO Registration No.

October 12, 2005

Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action, dated July 13, 2005, applicants amend the claims as  
shown in the Claims section beginning on page 3 of this paper, and present remarks in the  
Remarks section beginning at page 5 of this paper.